DSRCB1630AI

NHP DIN-T Residual Current Device Short Body w/ Overcurrent 6kA 16A 1Pole and N C Curve 30mA Type AI

DIN-T™
RESIDUAL CURRENT DEVICES



Component type	Earth leakage circuit breaker
Range	DIN-T RCD
Model	N/A
Alternative	DTRD1630AI

NHP's DIN-T range of residual current devices (RCDs) are a high-performance electrical safety solution designed for commercial, industrial and mining applications. These RCDs offer a high level of selectivity, with sensitives including 10mA, 30mA, 100mA and 300mA, and types starting at Type A for general purpose applications through to Type F and B for more complex loads.

ELECTRICAL	Rated current	16 A
	Rated voltage	240 V
	Rated leakage current	30 mA
	Frequency	50/60 Hz
	Rated short-circuit breaking capacity according to AS/NZS 61009	6 kA
	Voltage type	AC
	Trip curve	C
	Rated impulse withstand voltage Uimp	6 kV
	Leakage current type	Other
	Tripping time	40 ms
	Min. service voltage	117 V
	Max. operating voltage (Umax)	255 V
	Rated residual make/break capacity	6000 A
	Protected neutral pole	Yes
	Number of poles (total)	2
	Electrical life at Un, In (service cycles)	10000 cycles
	Type of electric connection	Fork and pin
	Isolator application	Yes
	Rated insulation voltage Ui	440 V
	Concurrently switching neutral conductor	Yes
CONSTRUCTION	Mounting method	DIN rail (top hat rail) 35 mm
	IP rating	IP20
	Number of protected poles	2
MECHANICAL	Mechanical life (service cycles)	20000 cycles
	Max. shock duration	5 ms
	Max. shock acceleration	40 g

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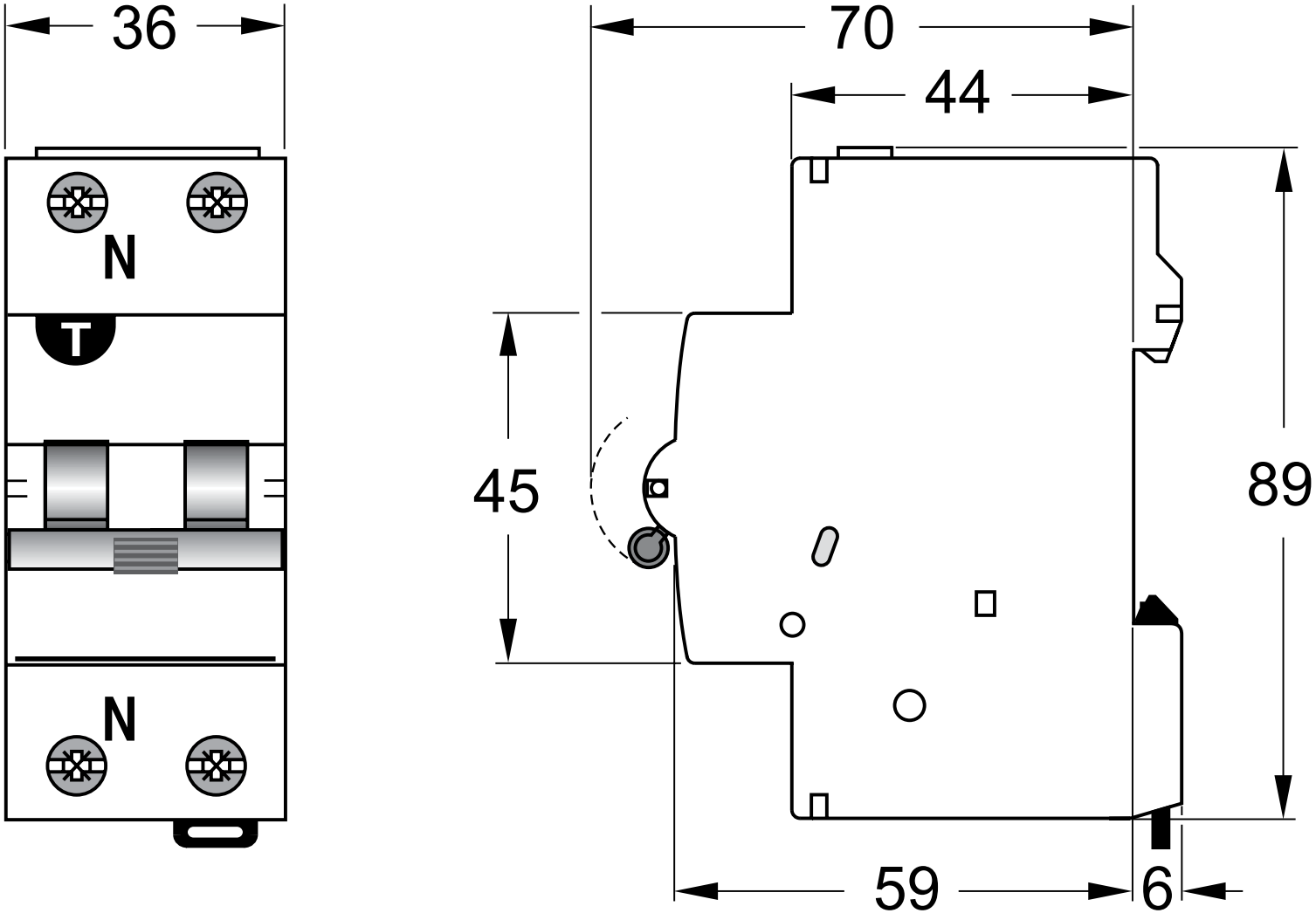
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DIN-T™ RESIDUAL CURRENT DEVICES

MECHANICAL	Max. vibration acceleration	1.5 m/s²
	Max. vibration frequency, operational	80 Hz
	Max. vibration duration	30 min
DIMENSIONS	Depth	68 mm
	Height	86 mm
	Width	36 mm
	Weight	0.25 kg
ENVIRONMENT	Operating temperature	-5…55 °C

DIMENSIONAL DIAGRAM



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RELATED PRODUCTS

ACCESSORY



Item No: DSRCBSAX

Required: No

Description: NHP DIN-T Accessory Auxiliary with H and Silver Contact



Item No: DSRCBSAXAL

Required: No

Description: NHP DIN-T Accessory Auxiliary with H and S and Silver Contact



Item No: DTAUXAL

Required: No

Description: NHP DIN-T Accessory Auxiliary with Alarm or Auxiliary Function and Silver Contact



Item No: DTAUXALG

Required: No

Description: NHP DIN-T Accessory Auxiliary with Selectable Alarm or Auxiliary Function and Gold Contact

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